

METHOD FOR FREEZE-DRYING NUCLEIC ACID/BLOCK
COPOLYMER/CATIONIC SURFACTANT COMPLEXES

ABSTRACT OF THE DISCLOSURE

This invention relates generally to the freeze-drying of formulations comprising a polynucleotide, a block copolymer and a cationic surfactant. In the presence of a cryoprotectant or bulking agent, a formulation can be freeze-dried, whereby upon reconstitution of the dried formulation, the microparticles maintain their optimal size and aggregation or fusion is avoided.